

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

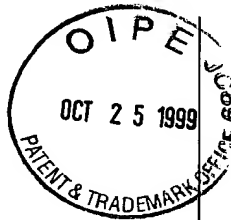
In re Patent Application of

Joe W. GRAY et al

Application No.: 08/478,387

Filed: June 7, 1995

For: CHROMOSOME-SPECIFIC STAINING  
TO DETECT GENETIC  
REARRANGEMENTS ASSOCIATED  
WITH CHROMOSOME 3 AND/OR  
CHROMOSOME 17 (as amended)



Group Art Unit: 1634

Examiner: A. Marschel

25/E  
D.G.J.  
11/1/99  
(A/B)

**REPLY AND AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Advisory Action dated September 24, 1999, and further to Applicants' response of August 25, 1999 to the Official Action dated May 25, 1999, please amend the above-cited application as follows:

**IN THE CLAIMS**

1. (Thrice Amended) A method of staining targeted chromosomal material based upon nucleic acid segment employing a unique sequence high complexity nucleic acid probe of greater than about 50,000 bases, wherein said targeted chromosomal material is a genetic rearrangement associated with [chromosome 3

OK TO ENTER  
AM, 11-19-99

Sub #1  
amended